

**The New England Seismic Network
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PROGRAM ELEMENT: Seismic Network Operations

From February 1, 1998 to January 31, 2001 the New England Seismic Network, cooperatively operated by Weston Observatory of Boston College and by the Earth Resource Laboratory of MIT, detected and located 67 local earthquakes too small to be felt. Most of the earthquakes in New England occurred in southern Maine, central New Hampshire, and Massachusetts. Earthquakes at Amesbury, Massachusetts in January 1999 may indicate that epicenter of the 1727 magnitude 5.6 earthquake. A new analysis shows that when there is a felt earthquake in New England there is an enhanced probability of another felt earthquake in the region during the following 7 days.